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unless noted otherwise.
7) Shim Plates shall be provided in accordance with Article 509.05(a) of the Standard Specifications.

5) After installing the rails, paint all exposed bolt threads with two coats of zinc rich paint conforming to the requirements of ASTM A 780.6) All steel components shall be galvanized according to AASHTO MIII

3) At post locations, drill two 1/6" \$\phi\$ holes in the rails to receive rails bolts (Shop of field). See Post Details for hole spacing

4) Before installing rails, paint all cut, drilled or otherwise damaged surface areas of the railing components with two coats of zinc rich paint conforming to the requirements of ASTM A 780

Note: 1) Ensure the expansion splice is located in the railing panel which passes over the bridge expansiosn joint if indicated on the plan 2) Anchor bolts may be tack welded to lower anchorage (Shop or field).

## BILL OF MATERIAL

Item	Unit	Total
Steel Railing (Special)	Foot	359

WYOMING 2-TUBE
BRIDGE RAILING DETAILS
STRUCTURE NO. 056-3178

SHEET NO. 13	F.A.S. SECTION			COUNTY	TOTAL SHEETS	SHEET NO.	
	0034 06-00320-02-BR		MCHENRY	65	38		
23 SHEETS				CONTRACT NO. 63536			
	JOB NO. C-91-140-11 ILLINOIS FED. A			AID PROJECT B	RS-0034(10	7)	